



CP-2785
PATENT
#7

Case Docket No. MNFRAME.005A4
Date: January 6, 1999

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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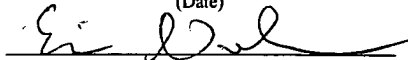
Group 2700

Applicant(s) : Johnson, et al.
Appl. No. : 08/942,214
Filed : October 1, 1997
For : METHOD FOR MAPPING
ENVIRONMENTAL
RESOURCES TO MEMORY
FOR PROGRAM ACCESS
Examiner : Unknown
Group Art Unit : 2785

I hereby certify that this correspondence and all
marked attachments are being deposited with the
United States Postal Service as first class mail in
an envelope addressed to: Assistant Commissioner
for Patents, Washington, D.C. 20231, on

January 6, 1999

(Date)


Eric M. Nelson, Reg. No. P43,829

TRANSMITTAL LETTER

ASSISTANT COMMISSIONER FOR PATENTS

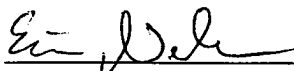
WASHINGTON, D.C. 20231

ATTENTION: APPLICATION BRANCH

Dear Sir:

Enclosed for filing in the above-identified application are:


- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with sixty-three (63) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410. A duplicate copy of this sheet is enclosed.
- (X) Return prepaid postcard.


Eric M. Nelson
Registration No. P43,829
Attorney of Record

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Johnson, et al.) Group Art Unit
App. No. : 08/942,214) 2785
Filed : October 1, 1997)
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ENVIRONMENTAL RESOURCES TO)
MEMORY FOR PROGRAM ACCESS)
Examiner : Unknown)

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231


Dear Sir:

Enclosed is form PTO-1449 listing references that are also enclosed. This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account 11-1410. A duplicate copy of this Statement is enclosed for that purpose.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 1/6/99

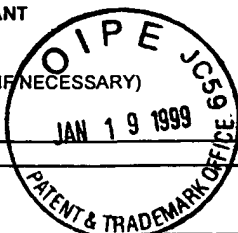
By: 
Eric M. Nelson
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Attorney of Record
620 Newport Center Drive
Sixteenth Floor
Newport Beach, CA 92660
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RECEIVED #7
JAN 21 1999
GROUP 2785

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
MNFRAME.005A4APPLICATION NO.
08/942,214INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
JOHNSON, ET AL.FILING DATE
October 1, 1997GROUP
2785

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JAN 21 1999

Group 2700

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
		4,449,182	05/15/84	Rubinson et al.			
		4,835,737	05/30/89	Herrig et al.			
		4,949,245	08/14/90	Martin et al.			
		4,999,787	03/12/91	McNally et al.			
		5,210,855	05/11/93	Bartol			
		5,269,011	12/07/93	Yanai et al.			
		5,272,584	12/21/93	Austruy et al.			
		5,317,693	05/31/94	Cuenod et al.			
		5,329,625	07/12/94	Kannan et al.			
		5,337,413	08/09/94	Lui et al.			
		5,386,567	01/31/95	Lien et al.			
		5,483,419	01/09/96	Kaczeus, Sr. et al.			
		5,493,574	02/20/96	McKinley			
		5,493,666	02/20/96	Fitch			
		5,517,646	05/14/96	Piccirillo et al.			
		5,555,510	09/10/96	Verseput et al.			
		5,564,024	10/08/96	Pemberton			
		5,568,610	10/22/96	Brown			
		5,579,491	11/26/96	Jeffries et al.			
		5,581,712	12/03/96	Herrman			
		5,588,144	12/24/96	Inoue et al.			
		5,606,672	02/25/97	Wade			
		5,608,876	03/04/97	Cohen et al.			
		5,615,207	03/25/97	Gephardt et al.			
		5,632,021	05/20/97	Jennings et al.			
		5,638,289	06/10/97	Yamada et al.			
		5,644,470	07/01/97	Benedict et al.			
		5,644,731	07/01/97	Liencrees et al.			

EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
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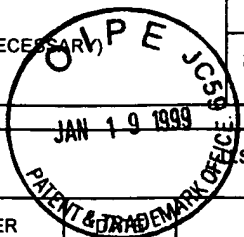
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APPLICANT
JOHNSON, ET AL.FILING DATE
October 1, 1997GROUP
2785

RECEIVED

JAN 21 1999

Group 2700



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	5,651,006	07/22/97 Fujino et al.			
	5,652,832	07/29/97 Kane et al.			
	5,664,119	09/02/97 Jeffries et al.			
	5,680,288	10/21/97 Carey et al.			
	5,696,970	12/09/97 Sandage et al.			
	5,726,506	03/10/98 Wood			
	5,740,378	04/14/98 Rehl et al.			
	5,747,889	05/05/98 Raynham et al.			
	5,748,426	05/05/98 Bedingfield et al.			
	5,754,797	05/19/98 Takahashi			
	5,761,033	06/02/98 Wilhelm			
	5,761,045	06/02/98 Olson et al.			
	5,764,968	06/09/98 Ninomiya			
	5,765,198	06/09/98 McCrocklin et al.			
	5,768,541	06/16/98 Pan-Ratzlaff			
	5,768,542	06/16/98 Enstrom et al.			
	5,781,767	07/14/98 Inoue et al.			
	5,781,798	07/14/98 Beatty et al.			
	5,784,576	07/21/98 Guthrie et al.			
	5,790,831	08/04/98 Lin et al.			
	5,793,987	08/11/98 Quackenbush et al.			
	5,794,035	08/11/98 Golub et al.			
	5,796,185	08/18/98 Takata et al.			
	5,796,981	08/18/98 Abudayyeh et al.			
	5,798,828	08/25/98 Thomas et al.			
	5,799,036	08/25/98 Staples			
	5,802,269	09/01/98 Poisner et al.			
	5,802,393	09/01/98 Begun et al.			

EXAMINER

DATE CONSIDERED

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MNFRAME.005A4	APPLICATION NO. 08/942,214
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		RECEIVED JAN 21 1999	
		APPLICANT JOHNSON, ET AL.	
		FILING DATE October 1, 1997	GROUP 2785

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
		5,802,552	09/01/98	Fandrich et al.			
		5,805,834	09/08/98	McKinley et al.			
		5,809,224	09/15/98	Schultz et al.			
		5,812,757	09/22/98	Okamoto et al.			
		5,812,858	09/22/98	Nookala et al.			
		5,815,117	09/29/98	Kolaneck			
		5,822,547	10/13/98	Boesch et al.			

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